

MATVEYEV, Boris Georgiyevich; MOROZOV, Petr Tarasovich; SOSKIN, A., red.

[Economics of industrial enterprises; visual aid] Ekonomika promyshlennykh predpriyatii, nagliadnoe posobie. Moskva, Gos. izd-vo polit. lit-ry, 1961. 78 p. (MIRA 14:8)

(Russia—Industries—Audio-visual aids)

MOROZOV, Petr Tarasovich, starshiy prepodavatel'; KHOLOD, S., red.;
KLIMOVA, T., tekhn.red.

[How workers struggle to increase labor productivity] Kak
rabochie boriutsia za povyshenie proizvoditel'nosti truda.
Moskva, Gos.izd-vo polit.lit-ry, 1962. 63 p. (MIRA 15:4)

1. Vysshaya partiynaya shkola pri Tsentral'nom komitete
Kommunisticheskoy partii Sovetskogo Soyuza (for Morozov).
(Labor productivity)

MOROZOV, Pavel Vasil'yevich, inzh.-major; KATANUGIN, M.Ye., red.;
KISELEV, S.P., red.; MEDNIKOVA, A.N., tekhn. red.

[Guided rocket weapons] Upravliaemoe raketnoe oruzhie. Moskva,
Voer. izd-vo M-va oborony SSSR, 1961. 87 p. (MIRA 14:12)
(Guided missiles)

Def. ad
Tbilisi State U.

[illegible]

Education for Degree of

Candidate Geographical Names

3/139/62/606/012/000/005
0228/0307

Author: Morozov, A.V.

Title: Distribution of hydrologic elements and the dynamics of water in the south-east part of the Black Sea

Periodical: Referativnyy zhurnal, Geofizika, no. 12, 1962, 24-25, abstract 12/168 (Tr. Azovo-Chernomorsk. n.-i. in-ta morsh. rybn. kh-v. i okeanogr., no. 18, 1960, 21-26)

Notes: Oceanographic research in the warm season of 1937-1938 and the summer of 1948-1953 established that in the south-east of the Black Sea there is an anticyclonic region with a corresponding current system and a relative lowering of the isolines of oceanographic elements, which is traceable at depths of more than 300 m. The research of 1937-1953 established that the anticyclonic region undergoes slight movements from month to month - sometimes towards, sometimes away from, the Saturni area. In this connection not just the position of the region changes, but also its shape and area. 6 references. [Abstracter's note: Complete translation]

Card 1/1

ACCESSION NR: AP4040425

S/0302/64/000/002/0022/0025

AUTHOR: Morozov, R. P.; Kuznetsov, B. A.; Savchenko, V. N.

TITLE: Time-delay element for contactless transistorized control systems

SOURCE: Avtomatika i priborostroyeniye, no. 2, 1964, 22-25

TOPIC TAGS: contactless control system, time delay stability, time delay duration, control system time delay, time delay element

ABSTRACT: Several variants of improved time-delay elements and their basic circuits are described. The first circuit uses a transistorized two-stage amplifier and a diode as the output key. This circuit, together with other contactless logic elements, makes it possible to achieve higher time delays of the control system (as compared with electromechanical relays) without affecting the performance of the system. Because of certain disadvantages a second highly stable time-delay circuit was developed. (see Fig. 1 of the Enclosure). It represents an integrator-amplifier with high amplification using transistors T₂—T₅. Transistor T₁ is a logical NOR circuit. The amplifier

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ACCESSION NR: AP4040425

(T_3 and T_4) with capacitive negative feedback (capacitor C_1) is the basic element ensuring time delay. According to experiments, a time delay of 7—10 sec can be achieved with the use of this circuit at an ambient temperature in excess of 46C. Voltage-supply fluctuations of $\pm 30\%$ produce an error in time delay not exceeding $\pm 0.3\%$. For the case where there is no requirement of high temperature stability, a third variant of the time-delay circuit has been developed. This circuit produces time delays of 10 sec. In the fourth variant described, temperature increases up to 70C produce a time-delay error not exceeding 5%, while the error caused by voltage fluctuations of $\pm 30\%$ does not exceed 3%. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 00

ATD PRESS: 3066

ENCL: 01

SUB CODE: EC, EE

NO REF SOV: 000

OTHER: 000

Card 2/3

ACCESSION NR: AP4040425

ENCLOSURE: 01

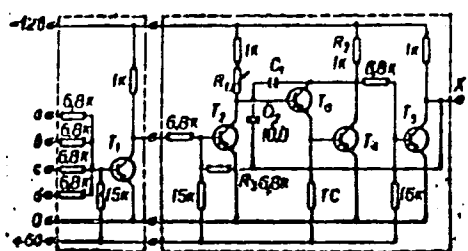
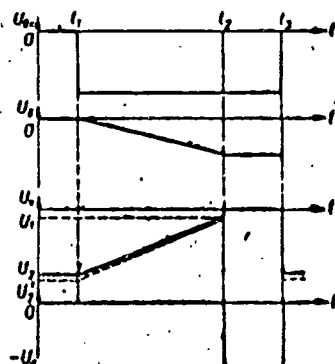


Fig. 1. High-stability time-delay element with integrator-amplifier and voltage diagram



Card

3/3

USSR/Cultivated Plants - Grains.

Abstr Jour : Sov Jour - Pl 1., No 5, 1967, 1967

Author : Kharuzov, A.V.

Inst : -

Title : Experimental Selection of Grain Wheat From the
Moskova Variety.

Orig Pub : Selektziya i seleniya ts v., 1967, No 5, 65.

Abstract : Krasnarnaya Moskovka Strains were isolated from white
grain Moskovka variety by a process of individual selection
at the Moscow Selection Station. The Moskovka red
grain surpasses the similar varieties by its resistance
against shedding and by its yield capacity. It has a high
value against Moskovka which is not a bread baking quality.
The grain does not grow well when it germinates. Further
work on propagation and improvement by a process of intra-
variety breeding and individual selection is being done.
-- A.F. Kalyetova

Card 1/1

MOROZOV, P.V.

Recent data on changes in durum and soft wheat following
hybridization. Agrobiologiya no. 3:457-459 My-Je '60.
(MIRA 13:12)

1. Moskovskaya gosudarstvennaya selektsionnaya stantsiya.
(Wheat breeding)

MOROZOV, P.V., kand.sel'skokhozyaystvennykh nauk

Experimental transformation of oats into wild oats. Agrobiologiya
no.5:700-704 S-0 '62. (MIRA 15:11)

1. Moskovskaya selektsionnaya stantsiya, pochtovoye otdeleniye
Uzunovo.

(Oats) (Wild oats)

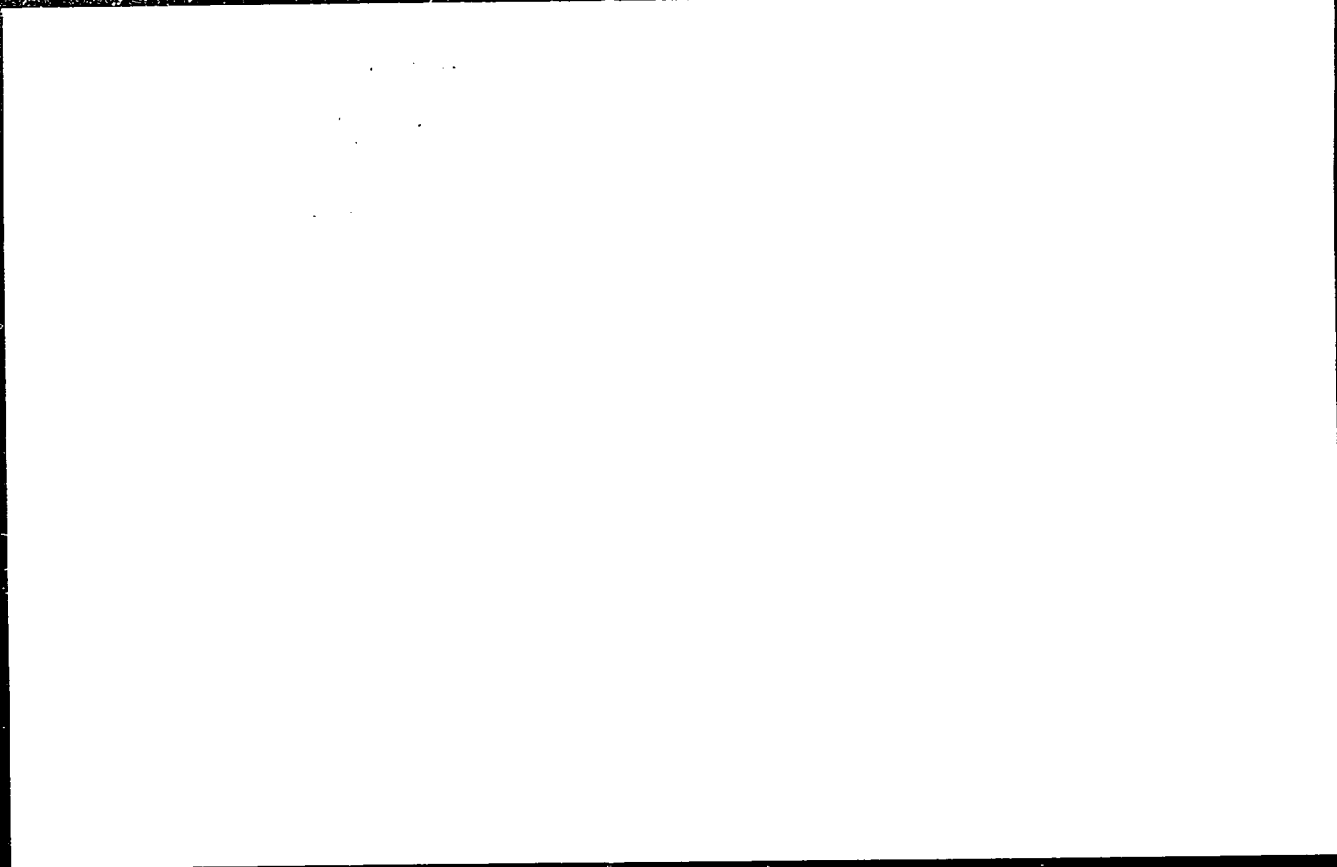
MOROZOV, P.V., kand.sel'skokhozyaystvennykh nauk; MOROZOVA, G.D.

Cultivating buckwheat in the non-Chernozem belt. Zemlebelie 25
no.4:52-54 Ap '63. (MIRA 10:5)

1. Moskovskaya selektsionnaya stantsiya.
(Moscow Province--Buckwheat)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001135220013-3



APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001135220013-3"

MOROZOV, P.Ye.

Friendly help. Med.sestra no.3:26-27 Mr '54.

(MLRA 7:2)

1. Direktor shkoly meditsinskikh sester (Sochi).
(Nurses and nursing) (International correspondence)

MOROZOV, P.Ye. (Adler)

Mastering allied specialties. Med.sestra 15 no.5:29-30 My '56.
(MLRA 9:8)

(NURSES AND NURSING)

MOROZOV, R.A.; ZAKUTSKIY, V.S., inzh.

Combating the accumulation of paraffin in free-flowing wells.

Neftianik 3 no.4:14-16 Ap '58.

(MIRA 11:5)

1. Zaveduyushchiy Zhirnovskim neftepromyslom (for Morozov).

2. Zhirnovskiy neftepromysl (for Zakutskiy).

(Paraffin)

(Oil wells—Equipment and supplies)

KOMAROV, V.L., MOROZOV, R.B., TAREYEV, G.A.

Effect of the reservoir properties of rock on the nature of
the relation between resistance and water saturation. Izv. vy-
usheb. zav., neft' i gaz 7 no.11-9-12 '64. (MIRA 12-13)

1. Bashkirskiy gosudarstvennyy universitet.

MOROZOV, R.I., inzh.; OSOKIN, M.F., inzh.

The effectiveness of loop knot cutters. Mekh.trud.rab. 11
no.8:38-40 Ag '57. (MIRA 10:11)

(Lumbering)

MOROZOV, R.M., inzh.

Device for testing thyratrons and gas-filled tube rectifiers. Vest.
sviazi 20 no.7:9-10 J1 '60. (MIRA 13:11)

(Thyratrons--Testing)

(Electric current rectifiers--Testing)

BARABANOV, Fedor Antonovich; KLORIK'YAN, Suren Kharenovich; ANTONOV,
Aleksandr Sergeyevich; MOROZOV, Roman Nikolayevich; SPEKANTOV,
A.V., otv.red.; PROZOROVSKAYA, V.L., tekhn.red.; ALADOVA,
Ye.I., tekhn.red.

[British coal industry] Ugol'naya promyshlennost' Anglii.
Moskva, Ugletekhizdat, 1958. 172 p. (MIRA 12:3)
(Great Britain--Coal mines and mining)

L 58356-65 EWT(1)/EWA(h) Feb

ACCESSION NR: AP5016088

UR/0302/65/000/002/0036/0038

621.383

26
B

AUTHOR: Morozov, R. P.; Kuznetsov, B. A.

TITLE: Semiconductor photoelectric relay with contactless output

SOURCE: Avtomatika i priborostroyeniye, no. 2, 1965, 36-38

TOPIC TAGS: computer, input device, solid state relay, photoelectric relay, contactless relay

ABSTRACT: A semiconductor photorelay for use as a digital input device in automatic control systems is proposed. Advantages cited are higher speed, longer lifetime, and higher reliability than equivalent electromechanical devices. The operation of the relay is based on the dependence of the dynamic impedance of the photoconductor on the incident light. The input stage gives out a positive voltage when no light is incident on the photoconductor. When light is incident, the input stage gives out a series of negative pulses through a pulse generator. The two distinct states are converted into voltage levels by a subsequent circuit utilizing semiconductor components. In a variant, the pulse generator is replaced by a blocking oscillator that can drive several circuits simultaneously. The output may be coupled to

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L 58356-65

ACCESSION NR: AP5016088

other logical blocks once the 0 and 1 states are defined. The circuit can operate with photoresistors or photodiodes at ambient temperatures reaching 60C and bias voltage variations of $\pm 25\%$. Orig. art. has: 4 figures. [BD]

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4042

Card

2/2

KUZNETSOV, B.A., inzh.; MIKHOV, R.P., inzh.; LAKHENT, V.N., inzh.

All-purpose source of low voltages. Patent application No. 3400-17
Mr '65.

L 23900-66 EWT(1)/EWA(h)

ACC NR: KP6014963

SOURCE CODE: UR/0302/65/000/001/0043/0045

AUTHOR: Morozov, R. P.; Kuznetsov, B. A.; Krasnikov, Yu. G.

ORG: none

TITLE: Time delay transistor element

SOURCE: Avtomatika i priborostroyeniye, no. 1, 1965, 43-45

TOPIC TAGS: flip flop circuit, silicon diode, automatic control, transistorized circuit

ABSTRACT: Transistorized control systems often require prolonged temporary signal delays, with a time delay element being used for this purpose. The known time delay elements, however, have a number of shortcomings: low temperature stability, impossibility of obtaining prolonged time delays, considerable dependence of time delays on fluctuations of supply voltage. Therefore, the Ukrainian Scientific Research Tube Institute has developed a TIME DELAY element free of these shortcomings. In this element the time delay is determined by an integrating network $R_1 R_2 C$ whose output is connected via a silicon diode to a flip-flop 2 - the output element. Prolonged time delays can be achieved since the capacitor discharge current is not the flip-flop's input current, so that it does not energize the flip-flop! Instead, the flip-flop is energized by a special pulsed voltage generator connected to the second plate of the capacitor. Therefore, capacitance C

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UDC: 621.373.5:621.373.53

L 23900-66

ACC NR: AP6014963

0

can be made sufficiently small despite high magnitudes of resistance R_2 . Laboratory and operating trials of the new elements showed that, in the presence of an ambient temperature of 18°C and fluctuations of $\pm 25\%$ in the supply voltage the deviations of time delay did not exceed $\pm(1.0-1.5)\%$; when the temperature rose to 65°C , with supply-voltage fluctuations remaining the same, these deviations reached only $\pm(1.5-2.0)\%$. Currently the new TIME DELAY element is successfully operating in a contactless system for the automatic control of piercing of billets in a continuous tube-rolling installation. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 2/2 BK

L 58563-65 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EED-2/EWP(1) Pq-l/Pf-l/Pg-l/Pk-l

IJP(c) BB/GG

ACCESSION NR: AP5018380

UR/0102/65/000/003/0073/0078

AUTHOR: Morozov, R. P. (Dnipropetrovs'k); Kuznyetsov, B. A.
Kuznetsov, B. A. (Dnipropetrovs'k) 1/9 B

TITLE: A method for algebraically describing contactless circuits

SOURCE: Avtomatyka, no. 3, 1965, 73-78

TOPIC TAGS: automatic control, logic circuit, contactless logical element 1/6

ABSTRACT: Contactless logical elements are replacing contact devices in industrial automation. The usual aim in designing contactless circuits is to keep the number of elements in the circuit to a minimum. This problem is not always effectively solved by the methods which are used in designing relay-contact circuits. The reason for this failure is to be found in the goal as defined for these methods (keeping the number of contacts to a minimum) and in the difference between the complete sets of logical functions which are used. For the synthesis of economical contactless logical circuits it is necessary to have available effective methods for minimizing the switching function in some functionally complete system, taking account of the specific nature of the logical elements of the selected type. A special

Card 1/2

L 58563-65

ACCESSION NR: AP5018380

method is proposed in this article for algebraically describing contactless circuits based on logical elements which realize negation of disjunction. Orig. art. has: 19 formulas.

ASSOCIATION: none

SUBMITTED: 23Jul64

ENCL: 00

SUB CODE: DP

NO REF SOV: 002

OTHER: 000

dm
Card 2/2

L 43220-65 EWT(1)/ENG(m)/FSS-2 Pz-6/ AT S/0119/65/000/003/0017/0019
 ACCESSION NR: AP5007786

AUTHOR: Kuznetsov, B. A. (Engineer); Morozov, R. P. (Engineer); Savchenko, V. N. (Engineer)

TITLE: A general purpose low voltage power supply 29

SOURCE: Priborostroyeniye, no. 3, 1965, 17-19

TOPIC TAGS: transistorized power supply, voltage stabilization, electronic equipment

ABSTRACT: A low voltage power source developed at the All-Union Scientific Research Institute of Pipes is described in detail. The device is designed for producing stabilized voltages necessary for working with semiconductor devices. This equipment is able to produce simultaneously: 1) dc voltage regulated within 0.5% and smoothly variable in ranges of 0-35 and 8-25 volts; 2) one of the standard dc voltages regulated with an accuracy of 0.2%, or unregulated alternating voltages of 1, 3, 6, 12 and 24 volts; 3) one of the standard unregulated voltages of 40 and 60 volts, ac and dc. Regulated voltage pulsation does not exceed 2 millivolts; dc output impedance of the regulated sources is no more than 0.17 Ω . All regulated volt-

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L 43220-65

ACCESSION NR: AP5007786

age outputs may be loaded up to 2 amps, unregulated outputs--up to 5 amps. The electronic portion of the device is completely transistorized. The device has overload and heat protection. This power supply operates at 10-40°C, humidity should not exceed 90% at 20°C. Total weight--12.4 kg, overall dimensions--500 x 300 x 250 mm. A schematic diagram is given in fig. 1 of the Enclosure. The operating principles are completely described. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 002

ENCL: 02

SUB CODE: EC

OTHER: 000

Card 2/4

MOROZOV, R.F.; KOTENKO, R.A.; KRASNIKOV, Yu.G.

Transistorized time delay unit. Avtom. i prib. no.2:43-45
Jan-Mar '65. (MIRA 18:8)

28(3)

SOV/35-88-11444

AUTHOR: Morozov, S.

TITLE: On the "Black Dragon" River (Hei he)
"chërnogo drakona")

PERIODICAL: Nauka i zhizn', 1953, Nr 2, p 60-64 and p 3
of centerfold (USSR)

ABSTRACT: The author tells of the impressions he received during a trip through the newly-developing areas of the Amur Basin. He is mostly impressed by joint Soviet-Chinese cooperation particularly in the field of hydrotechnical and power engineering. Two expeditions sent out by the AS of USSR and the AS of China respectively are presently concerned with preparatory work for the further development of the basin. The Soviet expedition, headed by the Doctor of Technical Sciences, Professor Sergey Vasil'yevich Klopov, is composed of scientists of 15 institutes. The Acting Mini-

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307/85-59-1-11/40

On the "Black Dragon" River

ster of Water Economy and Power Engineering of Red China, Fen Chun-Yun, leads the Chinese expedition. It is assumed that more than 70 power plants of a total capacity of about 18 million kw can be built in the Amur Basin. At present it is planned to build a dam 100 m high and a power plant of a capacity of about 900,000 kw on the Zeya affluent, in the gorge, where the river cuts the Tukuringra Range. This project is considered of foremost importance in view of the frequent summer freshets of this river and the necessity to establish as soon as possible an effective river control system. At the inflow of the Zeya into the Amur River, the Dagmarskaya GES (capacity 320,000 kw) will be built. Another power plant, the Ushumunskaya GES (Ushumun Hydroelectric Power Plant), of a capacity of 40,000 kw will be built at the influx of the Bureya affluent.

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CCV/77-57-2-1/48

On the "Black Dragon" River

A series of dams will be built on the upper Amur and in lower places. The Zeya and Upper Amur water reservoirs will permit control of the Amur down to the influx of the Sungari River. The new power stations will supply energy to the industries to be built on the basis of local deposits such as coal, lignite, iron ore, titanium, lead, zinc, etc. In north-east China a number of power plants of a total capacity of 1,700 kw is already in operation. There are 8 photos and 1 colored map.

Card 3/3

USSR/ Miscellaneous - Polar radio stations

Card 1/1 Pub. 89 - 8/40

Authors : Morozov, S.

Title : At a polar observation station

Periodical : Radio 10, 12-14, Oct 1954

Abstract : The daily life of the radio-station personnel at several North Pole radio-stations installed on floating ice is described. Illustrations.

Institution:

Submitted:

MOROZOV, S.

Apparatus for receiving television broadcasts from very great
distances. Radio no. 11:25-28 N'55. (MLRA 9:1)
(Television--Antennas)

107-57-1-19/60

AUTHOR: Morozov, S. (Petrozavodsk)

TITLE: UNLAA. A New-Year Questionnaire (Novogodnyaya anketa)

PERIODICAL: Radio, 1957, Nr 1, p 14 (USSR)

ABSTRACT: The author established numerous interesting communications with remote correspondents. He had over 600 long-distance two-way contacts. His 5-stage transmitter has an output of 80 w. His cone-type antenna is designed for 40- and 20-m bands. His 14-tube superheterodyne receiver has two RF stages, a converter, and three IF amplification stages.

AVAILABLE: Library of Congress

Card 1/1

МОРЗОВ

107-57-5-48/63

AUTHOR: Morozov, S. (Poltava)

TITLE: Improving the Selectivity of "Temp-2" TV Set. Experience Exchange.

(Povysheniye izbiratel'nosti televizora "Temp-2". Obmen opytom)

PERIODICAL: Radio, 1957, Nr 5, pp 43-44 (USSR)

ABSTRACT: Many amateurs try to improve selectivity of their tv sets by narrowing of the pass bands which results in an impairment to definition. A better method would be to use T-circuits in i-f amplification video channel. Such circuits suppress sound signals in the video channel. All this is particularly important in long-distance tv reception. Additional parts necessary for the T-circuits, their design, specifications, and mounting are described in the article. It is claimed that the "Temp-2" tv set with added T-circuits is capable of reception of tv programs within a 200-250 km range if a 5-element antenna or a "skeleton-slot" antenna is used. In summer tv stations thousands of kilometers away were received.

There are 2 figures.

AVAILABLE: Library of Congress

Card 1/1

OZEROV, Boris Viktorovich; MOROZOV, S.A., retsenzent; KHRUSHCHEV, G.G.,
retsenzent; VARSHAVSKAYA, L.S., red.; BATYREVA, G.G., tekhn.
red.

[Top and roving processing machines for worsted spinning of
fine wool] Lentochnye i rovnichnye mashiny grebennogo priadeniia
tonkoi shersti. Moskva, Rostekhzdat, 1962. 192 p.

(MIRA 16:5)

(Woolen and worsted spinning)

M. A. ROZOV SA.
 ARTEM'YEV, Yu.N., kandidat tekhnicheskikh nauk; ALEKSEYEV, I.A., inzhener;
 ASTVATSATUROV, G.G., inzhener; BISNOVATYY, S.I., inzhener; BONDAREN-
 KO, A.F., inzhener; GURAL'NIK, Ye.L., inzhener; GORBUNOV, M.F., inzhe-
 ner; ZLATKOVSKIY, A.P., kandidat tekhnicheskikh nauk; KATTS, N.V., in-
 zhener, KITAYEV, A.S., inzhener; KOZLOV, A.M., inzhener; LEONOV, P.T.,
 inzhener; LIVSHITS, L.G., kandidat tekhnicheskikh nauk; LIBERMAN, A.R.,
 inzhener; LINNIK, Ye.M., inzhener; LUKANOV, M.A., inzhener; MOROZOV,
 S.A., inzhener; POGORELYY, I.P., kandidat tekhnicheskikh nauk; PETROV,
 S.A., kandidat tekhnicheskikh nauk; PYATETSKIY, B.G., inzhener; RABO-
 CHIY, L.G., kandidat tekhnicheskikh nauk; SELIVANOV, A.I., kandidat
 tekhnicheskikh nauk; FERBERG, B.S., kandidat tekhnicheskikh nauk;
 CHISTYAKOV, V.D., inzhener; CHUNIKHIN, V.M., inzhener; SHIRYAYEV, A.I.,
 inzhener; SHCHUPAK, A.D., inzhener; KUCHUMOV, P.S., inzhener, redaktor;
 PETROV, S.A.; PESTRYAKOV, A.I., redaktor; BALLOD, A.I., tekhnicheskii
 redaktor.

[Handbook of equipment for repairing tractors and agricultural machine-
 ry] Spravochnik po oborudovaniyu dlia remonta traktorov i sel'skokho-
 ziaistvennykh mashin. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 646 p.
 (MLRA 7:11)

(Tractors--Repairing) (Agricultural machinery--Maintenance and
 repair)

MOROZOV, S.A.; BOLDAKOV, E.V., doktor tekhnicheskikh nauk, redaktor.

[By land, water and air; means of communication] Po suke, vode i
vozdukh. Pod red. E.V. Boldakova. Moskva, Gos. izd-vo tekhnicheskoi
teoret. lit-ry, 1953. 63 p. (Nauchno-populiarnaya biblioteka.
vyp. 62) (MLR 713)
(Transportation)

AUTHOR: Morozov, S.A.

130 - 6 - 17/27

TITLE: Continuous automatic lines for screw production.
(Neprevyaynye avtomaticheskiye linii dlya izgotovleniya shurupov).

PERIODICAL: "Metallurg" (Metallurgist), 1957, No.6, pp.33-34 (USSR).

ABSTRACT: The author discusses reasons for different production methods being used for identical screws at different works. The first reason is the constructional deficiency of automatic machine tools, JT-1 and JT-3 used for sharpening. The machine tool recently specially designed by the Ministry of the Machine Tool and Tool Industry is considered to be too complex by the workers at the "Proletarskiy Trud" works. Deficiencies in the slot-cutting operation are also mentioned (e.g., complexity of type 7A590 and 7590C machines, poor layout) which slow down production rates. Foreign slot cutting machines (used in the USSR and seen at the 3rd Brussels Machine Tool Exhibition in 1953) are favourably commented on. The use of separate machines for different operations is recommended.

ASSOCIATION: Technical Section Glavmetiz MChM SSSR.
(Tekhnicheskiiy Otdel Glavmetiza MChM SSSR)

AVAILABLE:

Card 1/1

MOROZOV, S.A.

Reorganization of inventing and efficiency promotion activity.

Izobr. i rats. 3 no.5:35-36 My '58. (MIRA 11:9)

(Inventions) (Suggestion systems)

MOROZOV, S. A.

MOROZOV, S. A. - "Strengthening Soils with Lime Together with Other Substances in Building Foundations for Advanced Road Coverings." Moscow Automobile and Road Inst imeni V. M. Molotov. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

So; Knizhnaya Letopis' No 3, 1956

KOROZOV, Sergey Aleksandrovich; LEVCHANOVSKIY, Gleb Nikolaevich;
IVANOV, S.S., redaktor; MAL'KOVA, N.V., tekhnicheskiy redaktor

[Gravel roads] Graviyne dorogi. Moskva, Nauchno-tekhn. izd-vo
avtotransp. lit-ry, 1956. 40 p. (MLBA 9:7)
(Roads, Gravel)

MOHOZOV, S.A., kandidat tekhnicheskikh nauk; BORISOV, V.I., inzhener;
ROMYANTSEV, G.Ya., inzhener.

The SUEG-2 automotive unit for paving soil surfaces. Izobr.v
SSSR 1 no.4:8-10 0 '56. (MIRA 10:3)
(Road machinery)

MOROZOV, S.A., kand. tekhn. nauk.; DENISOV, Ye.M., SAFRONOV, V.N.,
RITOV, M.N., kand. tekhn. nauk.; GRIBENKO, T.V., kand. tekhn. nauk.;
BELICHENKO, D.M., kand. tekhn. nauk.; ALEKSEYEV, A.P., red.;
MAL'KOVA, N.V., tekhn. red.

[Progressive practices in road organization] Peredovoi opyt v
dorozhnykh organizatsiyakh. Moskva, Nauchno-tekhn. izd-vo
avtotransp. lit-ry. No. 2. 1957. 35 p. (MIRA 11:11)

1. Moscow. Gosudarstvennyy Vsesoyuznyy dorozhnyy Nauchno-
issledovatel'skiy institut.

(Road construction)

MOROZOV, Sergey Aleksandrovich; KUVALDIN, B.I., red.; GORYUNOVA, L.K.,
red.izd-va; PARAKHINA, N.L., tekhn.red.

[Building stabilized earth roads for logging trucks] Stroitel'stvo
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MOROZOV, S.A., referent

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MOROZOV, S.A., referent

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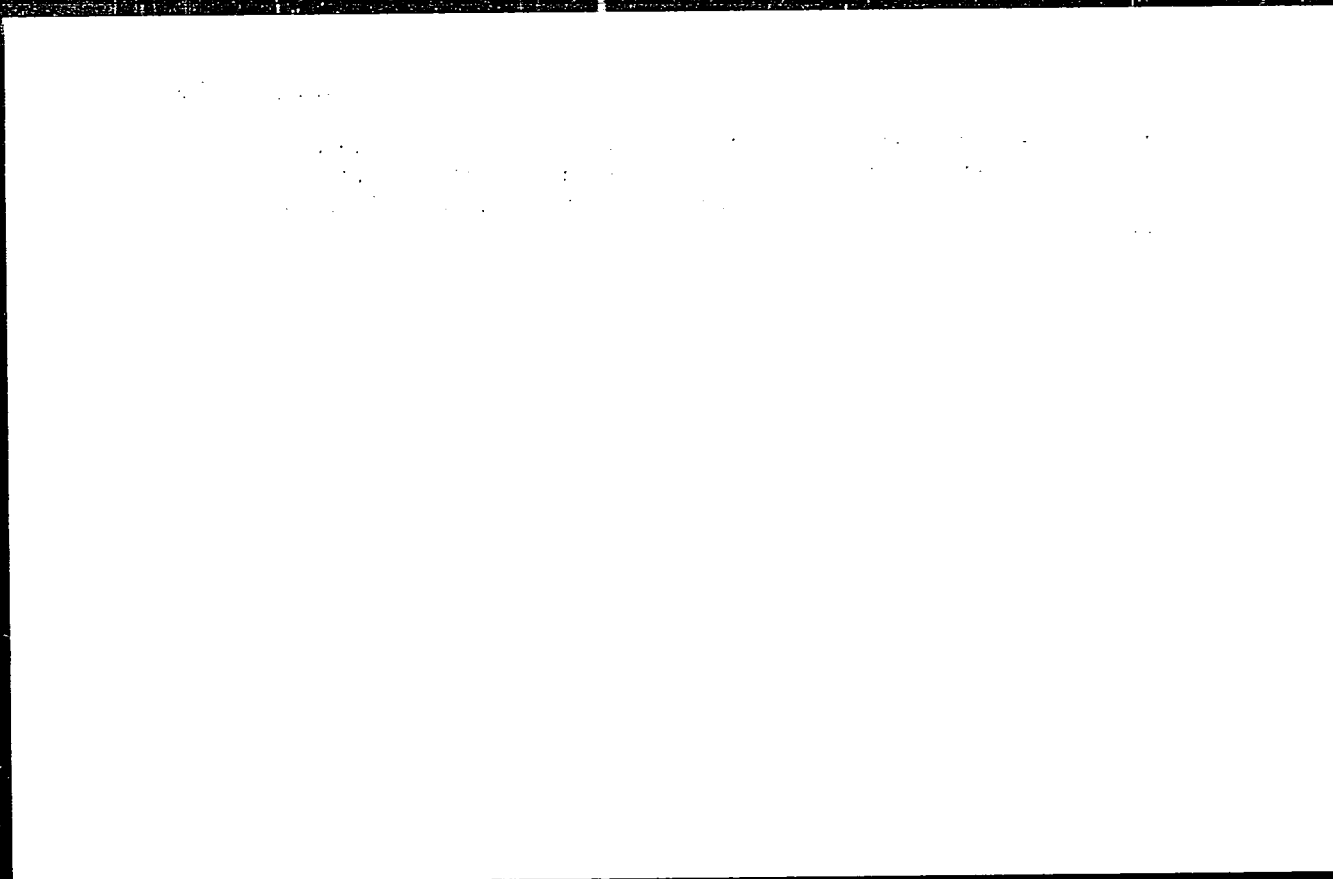
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4. METALLURGICAL LITERATURE CLASSIFICATION

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MOROZOV, S. F., kand. sel'skokhoz. nauk

Mineral-oil emulsions of DDT as a means for controlling the
red clover weevil *Apion apricans* Hbst. Zashch. rast. ot vred.
1 bol. 5 no. 5: 34-35 My '60. (MIRA 16:1)

(Vitebsk Province--Red clover--Diseases and pests)

(Vitebsk Province--Weevils--Extermination)

MOROZOV, S.F.

Amount of seeds obtained from the second clover crop of the season.
Agrobiologiya no.6:929-932 N-D '60. (MIRA13:12)

1. Vitebskaya oblastnaya sel'skokhozyaystvennaya opytnaya stantsiya.
(Clover)

AUTHOR: Morozov, S.F.

SOV/140-58-6-18/27

TITLE: Two-Dimensional Variation Problems on Manifolds (Ivumernyye variatsionnyye zadachi na mnogoobraziyakh)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1958, Nr 6, pp 180-192 (USSR)

ABSTRACT: The author seeks the absolute minimum of the quasiregular integral

$$(1) \quad J(T) = \iint_k F(x, A) du.$$

The function $F(x, A)$ satisfies the usual conditions of continuity, the positive homogeneity with respect to A , it is convex with respect to A and is positively definite. The admissible surfaces T are not degenerated, have a given topological type, lie in a k -dimensional manifold imbedded into an m -dimensional Euclidean space, and are bounded by finitely many closed (not necessarily Jordan) curves.

In a theorem the author formulates necessary and sufficient conditions for the existence of an admissible surface T for which the integral (1) reaches an absolute minimum. The long proof is based on a method of Sigalov [Ref 3, 4].

Card 1/2

Two-Dimensional Variation Problems on Manifolds

SOV/140-58-8-16.27

There are 6 references, 4 of which are Soviet, 1 English, and 1 American.

ASSOCIATION: Gor'kovskiy gosudarstvennyy universitet imeni N.I.Lobachevskogo
(Gor'kiy State University imeni N.I.Lobachevskiy)

SUBMITTED: March 12, 1958

Card 2/2

69769

S/155/59/000/02/010/036

11.4900

AUTHOR: Morozov, S.F.

TITLE: On the Correctness of Two-dimensional Problems in the Calculus of Variations *10*

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1959, No. 2, pp. 56-59

TEXT: The correctness of a problem is understood as the continuous dependence of the solution on the initial data. The author considers two-dimensional problems of the calculus of variations in parameter representation. He proves a theorem on the correctness of the problem which extends an analogous theorem of A.G. Sigalov (Ref. 3) to more general admissible surfaces.

There are 5 Soviet references.

ASSOCIATION: Gor'kovskiy politekhnicheskiy institut imeni A.A. Zhdanova
(Gor'kiy Polytechnic Institute imeni A.A. Zhdanov)

SUBMITTED: February 25, 1959

Card 1/1

MOROZOV, S.F.

Generalization of one theorem of R.Kurant. Izv. vys. ucheb. zav.:
mat. no.4:133-144 '60. (MIRA 13:10)

1. Gor'kovskiy politekhnicheskii institut im. A.A. Zhdanova.
(Geometry, Differential)

S/039/62/057/003/001/002
B112/B104

AUTHORS: Morozov, S. F., and Plotnikov, V. I. (Gor'kiy)

TITLE: Necessary and sufficient conditions for continuity and semi-continuity of functionals in the calculus of variations

PERIODICAL: Matematicheskii sbornik, v. 57 (99), no. 3, 1962, 265 - 280

TEXT: Functionals of the form $(\vec{v}, \vec{w}, G, F) = \int_G F(\vec{x}, \vec{v}(\vec{x}), \vec{w}(\vec{x})) d\vec{x}$ ($\vec{x} \in G$, $\vec{v} \in R^1$, $\vec{w} \in R^m$) are considered. Linear (convex) dependence of F on $\vec{w}$ is shown to be necessary and sufficient for the continuity (semicontinuity) of the functional $(\vec{v}, \vec{w}, G, F)$ in the sense of strong convergence of $\vec{v}(\vec{x}) \in C$ and slight convergence of $\vec{w}(\vec{x}) \in L_p$. ✓

SUBMITTED: May 30, 1960

Card 1/1

MOROZOV, S. F.

Dissertation defended for the degree of Candidate of Physicomatnematical Sciences
at the Joint Scientific Council on Physicomathematical and Technical Sciences;
Siberian Branch

"Variational Problems in Manifolds."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

ACC NR: AP7012398

SOURCE CODE: UR/0039/66/071/004/0586/0597

AUTHOR: Morozov, S. F. (Gor'kly); Plotnikov, V. I. (Gor'kly)

ORG: none

TITLE: Properties of holder continuity of generalized solutions of multivariate variational problems

SOURCE: Matematicheskii sbornik, v. 71, no. 4, 1966, 586-597

TOPIC TAGS: variational problem, continuous function

SUB CODE: 12

ABSTRACT: A theorem is proven for the Hölder continuity of generalized solutions of the variational problem $\inf I(u) = \inf \int_{\Omega} F(x, u, u_x) dx$

for the condition $m_1 p^m - k_1 \leq F(x, u, p_k) \leq m_2 p^m + k_2$, where

$m_1 > 0, m_2 > 0, k_1 > 0, k_2 > 0$ are constants; further, $n-1 < m \leq n$. No

suppositions are made regarding differentiability and the consistency of the orders of increase of the integrand F.

Orig. art. has: 34 formulas. [JPRS: 40,423]

Card 1/1

UDC: 519.3
0932 1321

MOROZOV, S. G., ENG.; PROKHOROV, F. G.

Filters and Filtration

Slotted drain caps VTI-K and VTI-5. Elek. sta., 23, No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress. October 1952. UNCLASSIFIED.

NALIVKIN, V.D.; KULIKOV, F.S.; MOROZOV, S.G.; SLEPOV, Yu.N.

New big graben in the east of the Volga-Ural region. Geol.
nefti i gaza 8 no.3:14-17 Mr '64.

(MIRA 17:6)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

MOROZOV, S. I., Cand Geol-Min Sci -- "Lithology, collectors,
and ~~prospects of oil- and gas-bearing capacity~~ ^{of Western} ~~of Western~~ ^{of Western} of Western
~~Basin~~ ^{of Western} pre-Devonian deposits." (Min of Higher and
Sec Spec Ed RSFSR. Saratov Order of Labor Red Banner State
U im N. G. Chernyshevskiy. Ufa-~~Oil~~ ^{Prospecting} Sci Res Inst "UfNII")
(KL, 8-61, 234)

- 114 -

MOROZOV, S.G.

Composition and structure of reservoir rocks in Pre-Devonian
sediments in western Bashkiria. Trudy VNIIGM no.34:72-76
'61. (MIKA 15:7)
(Bashkiria—Oil sands)

MOROZOV, S.G.

Minor elements in the Pre-Devonian (Bavly) rocks of western
Bashkiria. Dokl.AN SSSR 145 no.5:1131-1133 '62. (MIRA 15:3)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.
Predstavleno akademikom N.M.Strakhovym.
(Bashkiria--Trace elements)

MOROZOV, S.G.; POSTNIKOV, D.V.

Contact phenomena and magmatic differentiation in
gabbro-diabase intrusives among Pre-Devonian deposits
of western Bashkiria. Dokl. AN SSSR 147 no.2:445-447
N '62. (MIRA 15:11)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.
Predstavleno akademikom D.S. Korzhinskim.
(Bashkiria--Gabbro)
(Bashkiria--Diabase) (Metamorphism (Geology))

MOROZOV, S.G.

Contemporaneous deformations of rocks of Pre-Devonian (Bavl)
formations of western Bashkiria. Dokl. AN USSR 151 no.2:
405-406 J1 '63. (MIRA 10:7)

1. Ufimskiy neftyanoy naučno-issledovatel'skiy institut.
Predstavleno akademikom N.M.Strakhovym.
(Bashkiria--Geology, Structural)

MOROZOV, S.G.; POSTNIKOV, D.V.; IVANOVA, V.V.

Problematic organic remains from the Bazly sediments of western
Bashkiria. Paleont. zhur. no.4:119-121. 1961. 8.11. 1961

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

DUBOVSKOY, I.T.; YEGOROVA, L.Z.; MOROZOV, S.G.; TIMERGAZIN, K.R. [deceased]

Upper-Pre-Cambrian sediments of the northern part of the
northern Caspian oil- and gas-bearing basin. [Trudy]
NILneftegaza no.10:107-126 '63. (MIFA 18:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh
kriteriyev otsenki perspektiv neftegazonosnosti; Kuybyshevskiy
nauchno-issledovatel'skiy institut neftyanoy promyshlennosti;
Ufimskiy neftyanoy nauchno-issledovatel'skiy institut i GGI
Bashkirskogo filiala AN SSSR.

KULIKOV, F.S.; MOROZOV, S.G.; SLEPOV, Yu.N.

Geologic history of ancient structures in the eastern boundary of
the Russian Platform in connection with oil and gas prospecting in
Bavly sediments. Neftegaz. geol. i geofiz. no.11:10-15 '65.
(MIRA 18:12)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

MOROZOV, S. I.

Possibilities for mechanization. Zashch. rast. ot vred. i bol. 5
no. 4:21-23 Ap '60. (MIRA 13:9)
(Agricultural machinery) (Plant protection)

MOROZOV, S.I.

Gypsum covers for the sides of switch panel and distributing boxes
used in electric lighting systems. Rats. 1 izobr. predl. v stroi.
no.104:25-26 '55.

(MLRA 8:11)

(Electric wiring)